User Manual

Passive-Infrared Sensor

SIP-1212W

Important Safety Instructions

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings, Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat reaisters, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug, A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety, If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/ accessories specified by the manufacturer.

12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used. Use caution when moving the cart/apparatus combination to avoid injury from tip-over.

13. Unplug this apparatus during lighting storms or when unused for long periods of time.

14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

WARNING

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS PROCUCT TO RAIN OR MOISTURE.
DO NOT INSERT ANY METALLIC OBJECT THROUGH THE VENTILATION GRILLS OR OTHER OPENNINGS ON THE EQUIPMENT.

Apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus

CAUTION

CAUTION

RISK OF ELECTRIC SHOCK.
DO NOT OPEN

CAUTION : TO REDUCE THE RISK OF ELECTRIC SHOCK.
DO NOT REMOVE COVER (OR BACK).
NO USER SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

EXPLANATION OF GRAPHICAL SYMBOLS

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

Class I construction

An apparatus with CLASS I construction shall be connected to a MAINS socket outlet with a protective earthing connection.

Battery

Batteries(battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.

Disconnection Device

Disconnect the main plug from the apparatus, if it’s defected. And please call a repair man in your location.

When used outside of the U.S., it may be used HAR code with fittings of an approved agency is employed.

CAUTION

These servicing instructions are for use by qualified service personnel only.
To reduce the risk of electric shock do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

Please read the following recommend safety precautions carefully.

- Do not Place this apparatus on an uneven surface.
- Do not install on a surface where it is exposed to direct sunlight, near heating equipment or heavy cold area.
- Do not place this apparatus near.
- Do not attempt to service this apparatus yourself.
- Do not place a glass of water on the product.
- Do not install near any magnetic sources.
- Do not block any ventilation openings.
- Do not place heavy items on the product.

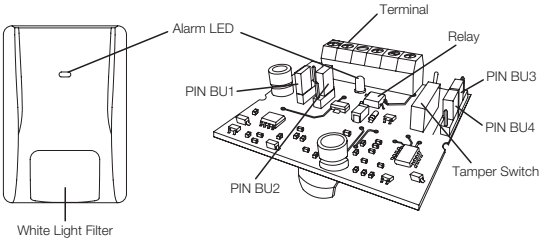
User's Manual is a guidance book how to use the products

The meaning of the using sign in the book is following

- Reference: in case of providing information for helping of product's usages
- Notice: If there's any possibility to occur any damages for the goods and human caused by not following the instruction

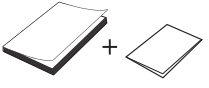
※ Please read this manual for the safety before using of goods and keep it in the safe place.

IR Sensor at a Glance



What's Included

Screw (x2)
3X10 Flat Head Screw x2
(for fixing the bracket)



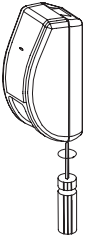
User Manual/
Warranty Card

Bracket

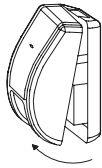
Installation

To open the cover and to assemble the bracket

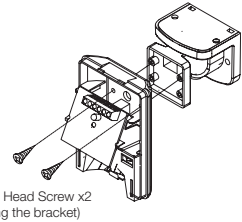
1. Turn the screw on the bottom of the sensor anti-clockwise.



2. Pull up the lower side of the product in the arrow direction to remove the cover.



3. Use 3mm flat head screws to fix the unit to the bracket. Then, make adjustment as necessary.

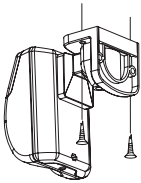


3X10 Flat Head Screw x2
(for fixing the bracket)

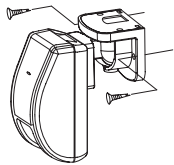
Ceiling mount & wall mount

The bracket is designed for both ceiling and wall mount installations, the bracket can be easily switched from one to the other according to the site requirements.

1. Ceiling Mount

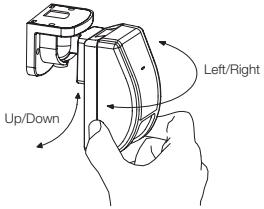


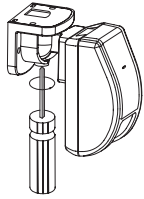
2. Wall Mount



Adjusting the angle in all four directions

Adjust the orientation of the sensor in a desired direction, and use the bottom screw to fix it.

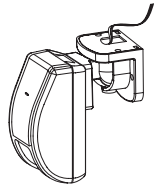




Cable Color & Cover Structure

- Black: GND
- Red: VCC (12V±15%)

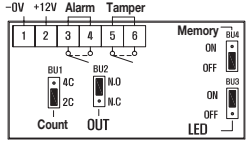
■ Check the polarity of the power cable to ensure the proper connection.



- Green: COM
- Blue: OUT (N.C/N.O)

Terminal Panel & PIN Setting

1. GND
2. VCC
3. Alarm (COM)
4. Alarm (N.C/N.O)
5, 6. Tamper



Jumper Pin	BU1	BU2	BU3	BU4
Use	Count	OUT	LED	Memory
Upper	4 C	N.O	ON	ON
Lower	2 C	N.C	OFF	OFF

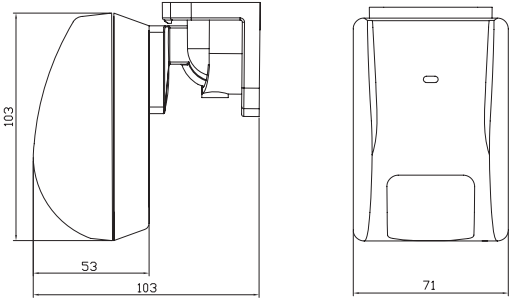
Specifications & Appearance

Specifications

Item	Description
Input Voltage	DC 12V(±15%)
Current Consumption	Max. 17 mA
Sensing Range	Max. 12 m
Number of Sensing Zones	9
Height	1.8 m ~ 3 m
Sensing Speed	Min. 0.2 ~ Max. 1.5 m/s
Alarm Point of Contact Capacity	100 mA (28V)
Tamper Point of Contact Capacity	100 mA (28V)
Alarm Operating Time	Less than 2.5 seconds
LED Status	LED lights up when an alarm occurs (turns off automatically after that) However, it blinks for 3 minutes when setting the memory.
Temperature/Humidity	-10℃ ~ 50℃(95%)
Dimension	103 X 71 X 53 mm
Weight	110g

Appearance

Unit: mm



SAMSUNG TECHWIN

Correct Disposal of This Product (Waste Electrical & Electronic Equipment)

(Applicable in the European Union and other European countries with separate collection systems)

This marking on the product, accessories or literature indicates that the product and its electronic accessories (e.g. charger, headset, USB cable) should not be disposed of with other household waste at the end of their working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take these items for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product and its electronic accessories should not be mixed with other commercial wastes for disposal.

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